

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. / TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 153 AMENDMENT	422-226-11-15-89	0

TASK TITLE: (NTE 80 characters; include Project name)

EOS-PM Common Spacecraft HRTTS Interface Unit

APPROVALS (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Barbara L. Scott *Barbara L. Scott*

DATE
9/23/99

ORG
CODE
582

MAIL
CODE
422

PHONE
301-286-6756

BRANCH HEAD

Elaine Shell *Elaine Shell*

DATE
9/23/99

CODE
582

PHONE
301-286-2628

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lehair, Jr. *Robert S. Lehair, Jr.*

DATE
9/29/99

CODE
560

PHONE
301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

☒ NO ☐ YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: SEP 30 1999

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☐ NO ☐ YES ☒ N/A

Government Furnished Property/Facilities: ☐ NO ☒ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☒ NO ☐ YES If yes: ☐ TOTAL ☐ PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective date of this task is October 13, 1999.

INCENTIVE FEE STRUCTUR (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 125,696.

The target fee of this task order is \$ 8,170.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 133,866.

The maximum fee is \$11,941.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin
SIGNATURE OF CONTRACTING OFFICER

10/13/99
DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	153	

Applicable paragraphs from contract Statement of Work: Function 2H

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

See attached Statement of Work

PERFORMANCE SPECIFICATIONS:

The installed IGSE interface computer systems shall meet all documented requirements as agreed to by the EOS PM Project.

APPLICABLE DOCUMENTS:

TRW EOS Common Spacecraft, Electrical GSE to Instrument GSE ICD

GFE LIST:

Microsoft Visual C++ Standard, Microsoft Visual C++ 6.0 Professional Edition Upgrade, NTGSE Source Code

TASK END DATE: 2/29/00

MILESTONES/DELIVERABLES AND DATES:

Start
Receive equipment acquisition ASAP after start of task. 10/14/99.
Install and set up development/test environment within 4 weeks after start of task. 11/13/99.
Provide technical assistance for 4 months after start of task in software development effort. 10/13/99-2/29/00
Deliver and install equipment at TRW within 4 months after start of task not later than 2/29/00.

Progress Report: Monthly

PERFORMANCE STANDARDS:

Schedule: On-time delivery of the above
Technical: Acceptance by the ATR

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Arturo Ferrer, building 3, room 236

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REQUEST FOR TASK PLAN / TASK ORDER**Contract NAS5-99124****TASK: 153****STATEMENT OF WORK:**

For the items listed below, the EOS PM Project shall approve all technical requirements and the deliverable documentation.

1. Provide 4 (four) IGSE interface computer systems to receive EOS PM instrument specific data from an FDDI interface and transmit the data to instrument specific Ground Support Equipments (GSEs). The four computer systems include high capacity disk drives and are described below:
 - a. MODIS IGSE interface computer system consisting of 1 (one) Pentium PC with 1 (one) FDDI interface card, and 1 (one) TAXI interface card.
 - b. AIRS IGSE interface computer system consisting of 1(one) Pentium PC with 1 (one) FDDI interface card, 1 (one) 1553 interface card and 1 (one) TAXI interface card.
 - c. AMSU IGSE interface computer system consisting of 1 (one) Pentium PC with 1 (one) FDDI interface card, and 2 (two) 1553 interface cards.
 - d. CERES IGSE interface computer system consisting of 1 (one) Pentium PC with 1 (one) FDDI interface card, and 2 (two) 1553 interface cards.
2. Provide 1 (one) development/test computer system consisting of 1 (one) Pentium PC with 1 (one) FDDI interface card, 1 (one) 1553 interface card, 1 (one) TAXI interface card and NTGSE software.
3. Provide FDDI Local Area Network to transmit data from the development/test computer system (item 2 above) to each of the specialized computer systems described in item 1 above.
4. Provide 1553 bus configuration to transfer data from each of the specialized computer systems described in item 1 above to the development/test computer system described in item 2 above.
5. Provide technical support to Arturo B. Ferrer, NASA/GSFC Code 582 in the development of the following software items:
 - a. Software on the development/test computer (item 2 above) to transmit instrument specific data over the FDDI interface to each of the 4 (four) interface computer systems described in item 1 above.
 - b. Software to receive and display TAXI data from the MODIS and AIRS interface computer systems.
 - c. Software to receive and display 1553 data from each of the 3 (three) interface computer systems described in item 1 above.
 - d. Software on the computer system described in item 1(a) above to receive data from the FDDI interface and perform the processing necessary to transmit the data over the TAXI interface in formats acceptable to the MODIS IGSE.
 - e. Software on the computer system described in item 1(b) above to receive data from the FDDI interface and perform the processing necessary to transmit the data over the 1553, and TAXI interfaces in formats acceptable to the AIRS IGSE.

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f. Software on the computer system described in item 1(c) above to receive data from the FDDI interface and perform the processing necessary to transmit the data over the 1553 interfaces in formats acceptable to the AMSU-A1 and AMSU-A2 IGSEs.

g. Software on the computer system described in item 1(d) above to receive data from the FDDI interface and perform the processing necessary to transmit the data over the 1553 interfaces in formats acceptable to the CERES+Y and CERES-Y IGSEs.

6. Provide technical assistance to validate IGSE interface computer systems and software functionality prior to delivery to TRW.

7. Install IGSE computer systems at TRW and assist in initial operation and checkout. Assist in any software modifications as necessary.